

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/30076

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C51/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/005763 A1 (SAKAMOTO KAZUHIKO ET AL) 28 June 2001 (2001-06-28)	1,2,8, 10-23, 29,31-36
A	abstract page 1, paragraphs 10-14 page 2, paragraph 48 page 3, paragraph 53	3-7, 24-28
X	US 6 215 018 B1 (PONDICHERRY NARAYANAN ET AL) 10 April 2001 (2001-04-10) abstract column 2, line 16-30	1,8, 14-22, 29,34-36
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

18 May 2004

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27/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 873 368 A (KADOWAKI KOJU ET AL) 10 October 1989 (1989-10-10) abstract; claim 1; figure 1 column 7, line 19-29 ----	1-36
A	US 5 855 743 A (HAMMON ULRICH ET AL) 5 January 1999 (1999-01-05) abstract column 7, line 26-34 -----	1-36

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Information on patent family members

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